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Osmania University.

Introductory.

The Osmania University which was established by a Charter in 1918 is the first attempt in India to impart University Education through the vernacular, English being a compulsory second language. For over half a century, higher education in the State was controlled by the Madras University, but the results were so discouraging that in 1917, Sir Akber Hydari (Nawab Hyder Nawaz Jung Bahadur), Secretary to His Exalted Highness' Government in the Educational Department, submitted a Memorandum to His Exalted Highness in which after surveying the existing conditions and discussing the disadvantages of imparting knowledge through the medium of a foreign language, he recommended the inauguration of a University which should be both an examining and a teaching body and in addition to this should undertake to compile and translate books, using the Urdu language both for the imparting of knowledge and the training of the intellect. The standard of compulsory English is nearly the same as in other Universities, which enables the alumni of the Osmania University to keep in touch with the currents of thought in the English-speaking world and prevents them from being confined to the publications of the University. An important feature of the University is the Bureau of Translation with a large staff of qualified translators under the direction of a noted scholar and writer. The work attempted by the Bureau embraces the whole range of University studies including History, Philosophy, Economics, Mathematics, Physics, Chemistry, Botany, Zoology, Pedagogics, Law, Medicine and Engineering. All the books required for the Intermediate, B.A. and LL.B. Examinations have been translated and published. The Bureau is now actively engaged in the translation and publication of books required for the Faculties of Medicine and Engineering, and for Post-Graduate Studies in Arts and Science.

Character of the University.

The University is of the Unitary type, and the Osmania University College is at present the only constituent Arts College of the University which also prepares students for Law and Theology. There are, however, three institutions at Hyderabad, Aurangabad and Warangal which are allowed to prepare and present candidates for the Intermediate Examination of the

University besides the Zenana College which has both Intermediate and B.A. classes. Additional Intermediate Colleges will be established at other centres as the need occurs. A College of Medicine was opened in July 1927, and an Engineering College and a College for the training of teachers in 1929.

Officers and Staff of the University.

PATRON.

His Exalted Highness Lieutenant-General Sipah Salar, Asifjah, Muzaffar-ul-Mulk Wal Mamalik, Nizam-ul-Mulk, Nizam-ud-Daulah, Nawab Sir Mir Osman Ali Khan Bahadur, Fateh Jung, Faithful Ally of the British Government, G.C.S.I., G.B.E., Nizam of Hyderabad, *Sultan-ul-Ulum*.

CHANCELLOR.

Maharaja Sir Kishen Pershad, Yamin-us-Saltanat, Bahadur, G.C.I.E.

VICE-CHANCELLOR.

Nawab Wali-ud-Daulah Bahadur.

REPRESENTATIVE ON THE INTER-UNIVERSITY BOARD.

Sir Akber Hydari (Nawab Hyder Nawaz Jung Bahadur), B.A., LL.D.

THE COUNCIL.

(*Ex-Officio*)

The Chancellor.

The Vice-Chancellor.

The Finance Member, Executive Council [Sir Akber Hydari (Nawab Hyder Nawaz Jung Bahadur), B.A., LL.D.].

The Member for Religious Affairs, Executive Council (Nawab Lutf-ud-Daulah Bahadur).

The Secretary, Educational Department (Nawab Akbar Yar Jung Bahadur).

The Director of Public Instruction [Khan Fazal Muhammad Khan, Esq., M.A. (Cantab.)].

The Principal, Osmania University College [Muhammad Abdul Rahman Khan, Esq., B.A., B.Sc. (London)].

The Principal, Medical College [Major Farhat Ali B.A., M.B., Ch.B. (Edin.)].

The President, Engineering College (Nawab Ali Nawaz Jung Bahadur, F.C.H.).

The Principal, Zenana College [Miss A. Pope, M.A. (Lond.)].

The Principal, Training College (Md. Hafizullah, Esq., B.A., B.T.),

Appointed by Government.

Colonel Sir Richard Trench, Kt., C.I.E., Revenue Member, Executive Council.

Nawab Jiwan Yar Jung Bahadur, B.A. (Oxon.), Barrister-at-Law, Judge, High Court.

Nawab Mehdi Yar Jung Bahadur, M.A. (Oxon.), Political Member, Executive Council.

Colonel J. Norman Walker, I.M.S., Director, Medical and Sanitation Departments.

THE SYNDICATE.

Sir Akber Hydari (Nawab Hyder Nawaz Jung Bahadur), B.A., LL.D. (*Chairman*).

Nawab Fakhr Yar Jung Bahadur, B.A.

Nawab Akbar Yar Jung Bahadur.

Khan Fazal Muhammad Khan, Esq., M.A. (Cantab.).

Md. Abdul Rahman Khan, Esq., B.A., B.Sc. (London).

The Principal, Medical College [Major Farhat Ali, B.A., M.B., Ch.B. (Edin.)].

The Secretary, Engineering College [Samiullah Shah, Esq., B.Sc. (Manchester)].

REGISTRAR.

H. A. Ansari, Esq., B.A.

OSMANIA UNIVERSITY COLLEGE.

Mr. Md. Abdul Rahman Khan, B.A., B.Sc., A.R.C.Sc. (London), *Principal.*

Chemistry ..	.. Dr. Muzaffaruddin Qureshi, M.Sc., Ph.D. (Berlin), Dr. Syed Husain, M.Sc. (Alig.), Ph.D. (Lond.), Professors; two Assistant Professors and two Demonstrators.
Economics ..	.. Mr. Muhammad Elias Burney, M.A., LL.B., Professor-in-Charge, and an Asst. Professor.
English ..	.. Mr. Hosain Ali Khan, B.A. (Oxon.), Mr. E. E. Speight, B.A. (London), Dr. Syed Abdul Latif, B.A., Ph.D. (Lond.), Mr. T. Virabadrudu, M.A. (Madras), Professors and one Asst. Professor.

History ..	.. Mr. Haroon Khan Sherwani, M.A. (Oxon.), Mr. Ali Yar Khan, B.A. (Oxon.), Professors and four Asst. Professors.
Languages : Ancient and Modern	Maulvi Abdul Haq Sahib, B.A., (Urdu) Prof. ; Dr. Abdul Haq, B.Litt., D.Phil. (Oxon.) (Arabic), Prof. ; Dr. Md. Nizamuddin, Ph.D. (Cantab.), (Persian) Prof. and eleven Assistant Professors.
Mathematics ..	.. Mr. Qazi Md. Husain, M.A., LL.B. (Cantab.), and Mr. Kishan Chand, M.A. (Cantab.), Profs. and two Asst. Professors.
Philosophy ..	.. Dr. Khalifa Abdul Hakim, M.A., LL.B., Ph.D. (Heidelberg), Professor and four Asst. Professors.
Physics ..	.. Mr. Md. Abdul Rahman Khan, B.Sc. (Lond.) and Mr. Wahidur Rahman, B.Sc., Professors, three Asst. Professors and three Demonstrators.
Sociology ..	.. Dr. S. Jafar Hasan, Ph.D., Assistant Professor.
Theology ..	.. Maulvi Abdul Qadir Sahib, Professor, and seven Asst. Professors.
Law ..	.. Mr. Hosain Ali Mirza, Barrister-at-Law, Dip.Econ. (London), Professor, an Asst. Professor and three part-time Lecturers.

MEDICAL COLLEGE.

Major Farhat Ali, B.A., M.B., Ch.B. (Edin.), *Principal.*

Pharmacology	.. Dr. S. W. Hardikar, M.D., M.R.C.S. (Edin.).
Anatomy ..	.. Dr. Brij Mohan Lal, B.A., M.B.B.S. (on study leave). Dr. S. P. Sahgal, M.B., B S. (Acting).
Physiology ..	.. Dr. Sayyid Abdul Rahman, M.B., Ch.B. (Edin.).
Pathology ..	.. Dr. Mufti Shah Nawaz, M.B.B.S. (temporary).

In addition to the above Professors there are Assistants, Demonstrators and part-time Lecturers.

ENGINEERING COLLEGE.

President .. .. Nawab Ali Nawaz Jung Bahadur, F.C.H.

Secretary .. .. Vacant.

Professors .. .. Mr. Samiullah Shah, B.Sc. (Allahabad), B.Sc. Hons. (Manchester), A.M.I.C.E. (London).

Babu Lalit Mohan Mukerji, B.A., C.E.

In addition to the above there are Lecturers, Demonstrators and a Mechanical Engineer.

TRAINING COLLEGE.

Mr. Muhammad Hafizullah, B.A., L.T., Principal, three Lecturers and two part-time Lecturers.

ZENANA COLLEGE.

Miss Amina Pope, M.A. (London), *Principal*, besides five Lecturers and part-time Lecturers.

PRINCIPALS OF INTERMEDIATE COLLEGES.

City Intermediate College, Hyderabad — Mr. S. M. Azam, M.A., B.Sc. (Cantab.)

Intermediate College, Aurangabad — Mr. Syed Muhiuddin, B.A., Bar-at-Law.

Intermediate College, Warangal — Mr. Abdul Aziz Khan, B.A.

BUREAU OF TRANSLATION.

Mr. Muhammad Enayatullah, B.A., Curator.
Major Farhat Ali, B.A., M.B., Ch.B. (Edin.), Asst. Curator.
17 Translators.
2 Censors (Literary and Religious).

NIZAMIAH OBSERVATORY.

Mr. T. P. Bhaskaran, M.A., F.R.A.S., Director.

Constitution of the University.

The constitution differs in some respects from that of the older Indian Universities. The Council is the highest governing body of the University and practically performs most of the functions of the Government in British Indian Universities. The Senate has the entire charge of the organization of instruction in the University and the constituent colleges, the curricula of the examinations, etc., and consists of not less than 40 and not more than 70 members. The Syndicate is the business Committee of the Senate and consists of not less than five and not more than

seven members of the Senate. The Faculties which consist mainly of the Professorial Staff are the Academical Committees of the Senate entrusted with the framing of the curricula and arranging for examinations and other matters.

Number of Students in the University under the Different Faculties.

Arts (including Science)	752
Theology	23
Law	72
Medicine	70
Engineering	31
Training	10

Number of Successful Students in the different Examinations, 1930.

Matriculation	(Arts)	181
Do.	(Theology)	7
Intermediate	(Arts)	125
Do.	(Theology)	3
B.A.	(Arts)	58
Do.	(Theology)	1
M.A.	(Arts) Previous	2
Do.	(Arts) Final	5
Do.	(Theology) Final ..	2
LL.B.	(Previous)	9
Do.	(Final)	24
M.SC.	(Previous)	3
Do.	(Final)	7
M.B.B.S.	(First Professional) ..	6
Do.	(Second ,,) ..	17
B.T.	.. ..	7

Scholarships and Medals.

Fifty per cent of the students are admitted free. The following scholarships are awarded in the University :—

ARTS AND SCIENCE FACULTY.

Intermediate Classes ..	One Scholarship of Rs. 20 per mensem and nine of Rs. 15 per mensem.
B.A. Classes	One Scholarship of Rs. 25 per mensem, two of Rs. 20 and nineteen Scholarships of Rs. 18 per mensem.
M.A. Classes	Two Scholarships of Rs. 40 per mensem and eight Scholarships of Rs. 30 per mensem.
Fellowships	Three research fellowships of Rs. 75 per mensem for Telugu, Marathi and Kanarese.

FACULTY OF THEOLOGY.

Intermediate Classes ..	.. One of Rs. 20 and two of Rs. 15.
B.A. Classes ..	.. One of Rs. 25 and two of Rs. 18.
M.A. Classes ..	.. One of Rs. 40.

FACULTY OF MEDICINE.

Rs. 4,080 per annum to be distributed at the discretion of the Principal.

FACULTY OF ENGINEERING.

1st year	(2	scholarships	of Rs.	30	each).
,,	(2	,,	,,	25	,,).
2nd year	(2	,,	,,	30	,,).
,,	(2	,,	,,	25	,,).
3rd year	(1	,,	,,	35	,,).
,,	(1	,,	,,	30	,,).
4th year	2	Apprenticeships	of Rs.	75	each.

In addition to the above, there are the following bursaries :—

In the Faculties of Arts and Science: 20 in the Intermediate Classes, 12 in the B.A. Classes, and 5 in the M.A. Classes. In the Faculty of Theology: 7 in the Intermediate Classes and 3 in the B.A. Classes. Their value varies from Rs. 6 per mensem to Rs. 20.

Library, Museum, Laboratories, etc.

The University Library, which contains 16,674 English and 10,513 Oriental books, is being constantly augmented. There is a small Library attached to the Translation Bureau, containing 3,613 books. The Staff of the University has also access to the Government Asafia Library which is very rich in Arabic and Persian MSS., besides containing a large and valuable collection of English books ; and also to the valuable collection of State archives known as the Daftar-i-Diwani and Daftar-i-Mal in the Finance Office.

There is no museum attached to the University, but His Exalted Highness' Government are gradually building up a Museum which, when completed, will be available for University purposes.

The University College has well-equipped Physical, Chemical and Biological Laboratories.

NIZAMIAH OBSERVATORY.

The Observatory which was established in 1908 by a Firman of His Exalted Highness the late Nizam, was transferred to the control of the Osmania University in 1919. The principal equipment consists of two equatorial telescopes, an 8-inch photographic and a 15-inch visual refractor (both presented by the late

Nawab Zafar Jung Bahadur) together with a Milne-Shaw Seismograph, a small transit instrument and Chronograph, and some other miscellaneous apparatus. The Observatory is one of the institutions participating in the great international undertaking of the "Carte-de-ciel" and has completed the measuring of the photographs in the section allotted to it, *viz.*, Decl. 17° to 23°. The 15-inch telescope erected about five years ago, is used for visual observations, specially for observing systematically variable stars with faint minima. A good working library has been formed, consisting chiefly of astronomical books and periodicals and standard publications of observatories received by way of exchange. The principal publications of the Nizamiah Observatory are six volumes of the Hyderabad Astrographic Catalogue and a number of short papers in the leading Astronomical Journals. The readings of the Seismograms are forwarded to Oxford for inclusion in the International Seismological Summary.

Provision for Research.

The University has not yet made any provision for degrees based entirely on research. In the Departments of History, Philosophy, Persian, Urdu, Physics and Chemistry a beginning has, however, been made by insisting that each candidate for the M.A. and M.SC. Degrees should submit a thesis based on original research. Research scholarships of the value of Rs. 75 per mensem have been sanctioned for original work in Telugu, Marathi and Kanarese and the institution of similar scholarships in other subjects is under consideration.

Military and Physical Training.

A University Territorial Corps has recently been started, consisting of 150 students from different Colleges of the University. At present the Corps is officered by Military officers but gradually members of the Staff and senior students will be eligible for the Officer's rank. Mr. F. Weber, B.P.E., has been appointed Director of Physical Training.

Associations in the University.

The following are the Associations attached to the University :—

1. Osmania University Association.
2. Students' Union.
3. Historical Association.
4. Scientific Association.
5. Literary Association.
6. Economic Association.
7. Law Society.

Residence and Cost of Living.

Residence is not compulsory, but all students whose parents and guardians are not in the station are expected to live in the five College Hostels, one of which is reserved for Post-Graduate and another for Hindu students. The cost of living is about Rs. 180 per annum. Students have only to pay for their messing as rent and all other incidental charges are borne by Government.

Budget.

1340 Fasli—(6th Oct. 1930 to 5th Oct. 1931).

	O. S. Rs.
Registrar's Office	1,08,455
Osmania University College ..	6,67,521
Translation Bureau	2,60,190
University Press	1,19,909
City Intermediate College	50,592
Aurangabad Intermediate College ..	47,630
Medical College	1,36,645
Engineering College	1,72,684
Zenana College	27,295
Intermediate College, Warangal ..	25,946
Training College	19,312
Nizamiah Observatory	39,675
Total ..	16,75,854

= B. G. Rs. 14,36,446 or £ 1,07,733-90.

There is no Provident Fund as all the posts are pensionable from General Revenues. All servants of the University are entitled after 25 years' continuous and approved service to full pension which is one-half of the average monthly salary of the last three years of service.

Publication and Extension Work.

A large number of books now exceeding 300 volumes have been translated into Urdu and published on subjects of study in the University.

The University does not engage directly in extension work; but its publications have opened a new vista of knowledge for the Urdu-speaking public. A sum of Rs. 5,000 has been provided in the Budget for lectures by distinguished European and Indian scholars.

The Dairat-ul-Maarif.

The Dairat-ul-Maarif was founded by the late Nawab Imadul Mulk Bahadur (Syed Husain Bilgrami, C.S.I.) and the late Mulla Abdul Qayyum Sahib in 1886 for the publication of rare

books in Arabic. It commenced its work in 1890 with a grant of Rs. 500 per mensem from His Exalted Highness' Government. Subsequently in 1920 an endowment of one lakh of rupees was made over to the Institution and in 1922 His Exalted Highness was graciously pleased to sanction an additional grant of Rs. 4 lakhs and this total endowment of Rs. 5 lakhs brings an annual income of Rs. 30,000.

The Institution was placed under the control of the University on the sad death of Nawab Imadul Mulk Bahadur on the 7th May 1926. Nawab Sir Hyder Nawaz Jung Bahadur, Finance Member, Executive Council, is now the Chairman of the Executive Committee with whom the management rests and Nawab Mehdi Yar Jung Bahadur is the Secretary. This Committee is helped by a Literary Committee which assists it in selecting books for publication, etc. The staff consists of a Superintendent, an Assistant Superintendent and six Arabic Scholars who edit the texts and correct proofs. They are helped in their work by the noted European Orientalist, Mr. Krenkow, who secures for the Institution copies of rare books in the British Museum and other European Libraries, besides correcting texts, reading proofs, etc. The total number of Arabic books published by this Institution is 63, but some of them are in four to twelve volumes. Its publications are in great demand not only in India but in Egypt, Arabia, Afghanistan and Europe.

Women's Education.

Women are admitted as private students to the Intermediate and B.A. Examinations and to the M.A. Examinations in Arabic, Persian and Urdu. The University maintains a Zenana College which has 8 students in the two Intermediate Classes and 4 in the B.A. Classes.

Students' Information Bureau.

The University has no Students' Information Bureau, its functions devolving on the Director of Public Instruction and the Committee for European Scholarships. The adviser for Hyderabad students in England is Mr. B. C. McEwen.

Provision for Safeguarding Health, Medical Inspection, Discipline, etc.

A fully qualified Medical Officer of the Civil Surgeon grade is in medical charge of the Hostels and another officer of the same grade has been appointed to examine the eye-sight and the physical condition of the students. Principals of Colleges are supreme in matters of discipline and have power to rusticate or otherwise punish the students.

Courses of Study, Examinations and Degrees.

The University offers in the Faculties of Arts and Theology, the Degrees of B.A. and M.A., in the Faculty of Law the Degree of LL.B., in the Faculty of Medicine the Degree of M.B.B.S. and the Diploma of L.M. & S., and in the Faculties of Engineering and Training the Degrees of B.E. and B.T. respectively. Science was included in the Faculty of Arts, but a separate Faculty was constituted, and the M.SC. Examinations are now being held in Physics and Chemistry. Courses for the Intermediate in Science and B.SC. Examinations are under consideration.

Special provision is made for the following classes of persons for admission to the Intermediate and B.A. Examinations of the University as private candidates :—

1. Inspecting Officers of the State Educational Department and whole-time teachers, employed in Educational Institutions, of three years' standing.
2. Assistants serving in a University College.
3. Whole-time Librarians serving in the Library of a constituent college or any other approved Library.
4. Women.

ADMISSION TO THE UNIVERSITY.

The Intermediate stage of education is part of the course for the degree, and only those who have passed the Matriculation Examination of the University or an equivalent recognized examination are admitted to the course.

COURSES OF STUDY AND DEGREES.

ARTS.

The Matriculation Examination.—The course extends over two years. Private candidates are also admitted ; but they are required to pass a test examination, held at a Government High School, before appearing at the University Examination. The subjects for study and examination are divided into the following two groups and the candidates have the option of taking any one of these groups :—

GROUP "A".

1. English (two papers).
2. Urdu (two papers).
3. Elementary Mathematics (two papers).
4. History and Geography (two papers).
5. Muslim Theology or, for non-Hanafis and non-Muslims, Morals (one paper),

6. One of the following :—
History of England (one paper), or One of the following Languages (Two papers in each) :—
Arabic, Persian, Sanskrit, Marathi, Telugu, Kanarese, French, German, Greek and Latin.

GROUP "B".

1. English (two papers).
2. Urdu (two papers).
3. Higher Mathematics (two papers).
4. History of India and Geography (two papers).
5. Muslim Theology or, for non-Hanafis and non-Muslims, Morals (one paper).
6. Science (one paper).

For a pass, not less than 30 per cent. of marks are to be obtained in each subject.

For the purposes of the Compartment System the examination is divided into the following groups :—

1. English.
2. Theology or Morals.
3. Other Subjects.

A candidate passing in a group is exempted from reappearing in that group at a subsequent examination. For passing in a group it is necessary that the candidate should obtain 30 per cent. of the marks in the subject of the group or in each of the subjects composing the group when the group consists of more than one subject and 35% in the aggregate.

The Intermediate Examination.—The course extends over two years after Matriculation. The subjects for study and examination are: (1) English—(three papers), (2) Muslim Theology or, for non-Hanafis and non-Muslims, Morals—(one paper), (3) Three subjects from either of the following groups (two papers in each) :—

GROUP "A".

Note.—Only the following combination of subjects shall be allowed :—

A. Logic, Psychology and a Classical Language or Sociology.

B. (*a*) A Classical Language, a Modern Language and one of the following :—
English History.
Indian History.
Islamic History.
Economics.
Sociology.

N.B.—Persian to be treated as a Classical Language,

(*b*) Arabic, Persian, and either Islamic History or Indian History.

*C. (*a*) English History.

(*b*) One of the following :—

Islamic History.
Indian History.
European History.
Sociology.

(*c*) A Classical Language (Arabic, Persian or Sanskrit), a Modern Language (Telugu or Marathi) or Economics or Sociology.

N.B.—(1) Modern Languages—Urdu, Marathi, Telugu, Kanarese, French and German.

(2) Classical Languages—Arabic, Persian, Sanskrit, Latin and Greek.

GROUP "B".

(1) Physics, (2) Chemistry, (3) Biology, (4) Mathematics. In the case of subjects (1, 2 and 3) of this Group, there is a practical examination in addition to the written examination.

For a pass, not less than 33 per cent. must be obtained in each subject but a candidate is declared passed if he secures not less than 30% in one subject only and 40% in the aggregate, Those who obtain 60 per cent. in the aggregate are placed in the First Class, and those who get 45 per cent. or more in the Second Class.

For the purposes of the Compartment System the examination is divided into the following two groups :—

1. English.
2. Optional Subjects.

A candidate passing in any one of these groups is exempted from appearing in that group at a subsequent examination, provided that he has secured not less than 35 per cent. of the marks in the aggregate and that in the group in which he fails he makes an aggregate of not less than 25 per cent.

Bachelor of Arts (*B.A.*).—The course of study extends over two years after the Intermediate Examination of this University or an examination accepted as equivalent thereto. The subjects for study and examination are : (1) English—(four papers), (2) Muslim Theology or, for non-Hanafis and non-Muslims, Morals—(one paper), (3) One of the following subjects :—

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* Only candidates taking this group can take up History for the B.A. Examination.

A. (1) *One of the following Classical Languages* :—Arabic, Persian, Sanskrit, Latin and Greek, and

(2) *One of the following Modern Languages* :—Persian (unless already taken) with Elementary Arabic, Urdu with Hindi Bhasha, Telugu, Marathi, Kanarese, French and German—(three papers in each language).

B. *A Science subject.*—Physics, Chemistry, Mathematics or Natural Science—(six papers in each subject). In Physics and Chemistry, there are four papers on the Theoretical portion and two Practical papers. In Physics, the fourth paper is on subsidiary Mathematics, and in Chemistry, the fourth paper is on subsidiary Physics.

Note.—A separate Faculty of Science has now been established and Science subjects will be removed from the Arts curriculum.

C. *History* :—

Paper 1. Political Science or Sociology (Theoretical and Comparative).

Paper 2. Economics (Theoretical and Applied).

Paper 3. One of the following periods of Indian History :—

(1) Early upto 712.
(2) Early 712 to 1206.
(3) Mediæval 1206 to 1526.
(4) Mediæval 1526 to 1764 (for 1931 and 1932).
(5) Modern 1764 up to the present day (for 1933).

Paper 4. General, containing :—

(1) History of the Deccan, covering the period of Indian History taken by the candidate.
(2) Elements of the Cultural History of India with reference to the period of Indian History taken by the candidate.
(3) The Government of the British Empire with special reference to the working constitutions of England and India.

Paper 5. A. English Constitutional History.

OR

B. One of the following special periods :—

(1) Islamic History :—

(*a*) The Prophet and 1st four Khalifs.
(*b*) The Ommayyads (for 1932 and 1933).
(*c*) The Abbasides (for 1933).
(*d*) The Spain 711 to 1492.
(*e*) The Fatimide Khalifat.
(*f*) The Seljukis,

(2) Ancient Europe :—

(*a*) Greece up to 479 B.C.

(*b*) Greece, the struggle for Supremacy, 479-360 B.C.

(*c*) Greece, the Macedonian Empire under Phillip II and Alexander the Great, 360-327 B.C. (for 1932).

(*d*) Greece, the end of Greek Freedom, 327-146 B.C.

(*e*) Rome up the Gracchi, 133 B.C.

(*f*) Rome, the Gracchi to Actium, 133-31 B.C.

(*g*) Rome, Augustus to Diocletian, 31 B.C. to 287 A.C (for 1931).

(*h*) Rome, Diocletian to the Fall of Rome, 287-476 A.C.

(3) Mediæval Europe :—

(*a*) Fall of Rome to the Fall of the Visigoths (476-711).

(*b*) Fall of the Visigoths to the Second Crusade (711-1192).

(*c*) The End of the Second Crusade to the Fall of Constantinople (1192-1453).

(4) Modern Europe :—

(*a*) Fall of Constantinople to the Death of Louis XIV (1453-1715).

(*b*) Accession of Louis XV to the abdication of Napoleon, 1715-1815.

(*c*) Europe, 1815 onwards (for 1931 and 1932).

Paper 6. General Historical Essay.

D. *Philosophy*—six papers.

General Philosophy—

1st paper	..	Nature, Schools and Problems of Philosophy.
2nd paper	..	A brief sketch of the History of Philosophy together with a special study of an original work of any of the following Philosophers :—Descartes, Berkley or David Hume.

Oriental Philosophy—

3rd paper	..	Hindu Philosophy.
4th paper	..	Outlines of Islamic Philosophy, Kalam and Sufism,

Psychology—

5th paper .. Elements of Psychology with allied Physiology.

Ethics—

6th paper .. A brief study of Theoretical and Practical Ethics.

For a pass, 33 per cent. of marks are required in each subject. In subjects in which a practical test is compulsory, the candidates will be required to obtain 33 per cent separately in the theoretical part of the examination and also in the practical test.

Successful candidates who obtain 60 per cent. or more are placed in the First Division and those obtaining 45 per cent. or more in the Second Division. Candidates securing an aggregate of 40 per cent. but failing either in English or the selected subject, provided the marks gained by them do not fall short of 25 per cent., will be allowed to appear only in the subject in which they fail.

Master of Arts (*M.A.*).—The course extends over two years subsequent to graduation and is open to graduates of this or of a recognized University. A candidate may offer one of the following groups :—

(A) *Arabic* (Eight papers).—

1st Paper Poetry.
2nd ,, Prose, Historical.
3rd ,, Prose, Non-Historical.
4th ,, History of Language and Literature.
5th ,, Rhetoric and Prosody.
6th ,, Hebrew or French or German—Grammar and Translation into Arabic passages from the language selected by the candidate.
7th ,, Translation from Urdu into Arabic and Arabic Composition.
8th ,, Essay in Urdu on a subject connected with the History, Literature and Civilization of the Arabs.

(B) *Persian.*—There will be two examinations, Previous and Final. In the Previous there will be four papers as follows :—

1st Paper Poetry (Classical).
2nd ,, Prose (Do.).
3rd ,, Essay in Persian on modern topics.
4th ,, Persian Rhetoric and Prosody and translation from Arabic into Urdu.

In the Final Examination there will be two papers as follows; and the candidates will also be required to submit a thesis :—

1st Paper Literary History of Persia from the earliest times to the Mongols.
2nd ,, Literary History of Persia from the Mongols to the present day.

(C) *Urdu.*—There will be two examinations, Previous and Final. In the Previous examination there will be four papers as follows :—

1st Paper Old Urdu.
2nd ,, Poetry.
3rd ,, Prose.
4th ,, Essay.

In the Final Examinations there will be two papers as follows. Candidates will also be required to submit a thesis or to edit a book :—

1st Paper History of the Urdu language and literature and Philology.
2nd ,, Hindi Bhasha.

(D) *Mathematics* (Nine papers).—

1st Paper Algebra, Theory of Equations.
Plane Trigonometry.
Differential Equations.
2nd ,, Pure Geometry.
Analytical Geometry (Pure and Solid).
Differential Geometry of Curves and Surfaces.
3rd ,, Calculus (Differential and Integral).
Theory of Functions of a real variable.
4th ,, Theory of Functions of a complex variable.
Elliptic Functions excluding θ Functions.
Fourier Series.
5th ,, Attractions.
Electricity and Magnetism.
6th ,, Analytical Statics of two and three dimensions.
Dynamics of a particle.
Rigid Dynamics in two dimensions only.
7th ,, Hydrostatics including Capillarity.
Hydrostatics excluding Vortex Motion and Sound.
8th ,, Spherical Trigonometry.
Spherical Astronomy, Optics.
9th ,, Problem and Essay paper consisting of two sections. In the first section at least two problems to be solved and in the other section not more than two essays to be written.

(E) *History.*

Previous Examination.—

Paper I Comparative Politics, General (100 Marks).
Paper II Political Theories, General (100 Marks).
Paper III } Intensive study of two of the following (100
,, IV } Marks each) :—
(i) A period of Indian History.
(ii) A period of Islamic History.
(iii) A period of Modern European History.
(iv) A period of English Constitutional History.

Final Examination.—

Paper I General Historical Essay (100 Marks).
Paper II (*a*) Special Subject in Comparative Politics.
(*b*) Special Subject in Political Theories (50 Marks each).

Thesis (200 Marks).

Viva voce in the subjects (50 Marks).

Viva voce in the Language offered (50 Marks).

N.B.—No candidate will be deemed to have passed Final M.A. Examination in History who does not obtain at least 30% of the aggregate number of marks in Paper 2 of that Examination.

(F) *Philosophy.*

Previous Examination :—

(*a*) *Compulsory.*

1. One paper of Oriental Philosophy, either Indian or Islamic.
2. One special Philosopher from among the Western thinkers.
3. Metaphysics with special reference to contemporary thought.
4. Essay.

(*b*) *Optional.*

Any two of the following :—

1. Logic and Epistemology.
2. Aesthetics.
3. Philosophy of Religion.
4. Ethics and Political Philosophy.
5. Psychology.

Final Examination :—

1. A thesis of not less than 10,000 words on any subject of Philosophy previously approved by the Board of Studies.

2. Two papers on subjects allied to the subject of the Thesis.
3. *Viva voce.*

A candidate must obtain 40 per cent. of the marks in the aggregate for a pass. No minimum marks are required in each paper but if, in any paper, a candidate obtains less than 20 per cent. those marks are not included in his aggregate. A First Class is obtained by scoring 65 per cent. and a Second Class by scoring 50 per cent. of the aggregate marks.

Master of Science (M.Sc.).—The course extends over two years and is open to graduates in Science. A candidate may offer either Physics or Chemistry. There will be two Examinations, the Previous and the Final. In the Previous M.SC. Examination in Chemistry there will be papers on the following :—

(1) General and Inorganic Chemistry.
(2) Organic Chemistry.
(3) Physical Chemistry.
(4) Practical including Mineral Analysis.
(5) Organic Analysis and Organic Preparations.
(6) Physico-Chemical Measurements.

In the Final M.SC. Examination in Chemistry there will be two papers on a selected subject, *viz.*, Physical, Inorganic or Organic Chemistry besides a thesis based on original research.

In the Previous M.SC. Examination in Physics there will be the following papers :—

(1) General Physics and Sound.
(2) Optics (Geometrical and Physical).
(3) Heat including Thermodynamics.
(4) Practical Examination in Heat, Sound and Properties of Matter.
(5) Practical Examination in Light.

In the Final M.SC. Examination in Physics there will be a thesis based on original work in addition to the following papers :—

(1) Electricity and Magnetism.
(2) A special subject, *e.g.*, Electron Theory or the Quantum Theory, etc.
(3) Practical Examination in Electricity and Magnetism.

The pass percentage is the same as in the M.A. Examination, but candidates have to pass separately in the Practical and Theoretical portions and to secure at least 25% in each paper, otherwise they are deemed to have failed.

THEOLOGY.

The Matriculation Examination.—The course extends over two years as in the Arts Faculty. Private candidates are also admitted on the same conditions as in the Arts Faculty. The subjects for study and examination are :—

(1) English—(two papers), (2) History and Geography—(two papers), (3) Elementary Mathematics—(two papers), (4) Arabic—(two papers), (5) Aqaid-wa-Mantiq (Dogmatics and Logic)—(one paper), (6) Fiqah-wa-Hadis (Muslim Law and Traditions)—(one paper).

The pass percentage is the same as for the Matriculation in Arts. Papers in 1, 2, 3 and 4 are the same as in the Faculty of Arts.

For the purposes of the Compartment System, the examination is divided into the following groups :—

1. English.
2. History, Geography and Mathematics.
3. Arabic, Aqaid-wa-Mantiq and Fiqah-wa-Hadis.

The conditions of passing under this system are the same as for the Matriculation Examination in Arts.

The Intermediate Examination.—The subjects for study and examination are: (1) English—(three papers as in the Arts Faculty), (2) Arabic—(two papers as in the Arts Faculty), (3) Fiqah-wa-Usul-i-Fiqah (Muslim Law)—(two papers), (2) Tafsir, Hadis-wa-Usul-i-Hadis (Koranic Exegesis and Traditions)—(two papers), (5) Aqaid, including Mabadiyat-i-Hikmat (Dogmatics and Elements of Philosophy)—(one paper).

The marks for a pass and classification of successful candidates are the same as for the Intermediate Examination in Arts.

For the purposes of the Compartment System, the examination is divided into three groups :—

1. English.
2. Arabic.
3. Theological subjects.
   (Fiqah-wa-Usul-i-Fiqah, Tafsir, Hadis-wa-Usul-i-Hadis and Aqaid).

A candidate who fails in any one of these groups and passes in the other two, shall be allowed to appear at a subsequent examination only in the group in which he failed, provided that the marks obtained by him in that group in the previous examination do not fall short of 25 per cent. For passing in group (3) under this system he shall obtain 30 per cent. in each of the subjects of this group and at least 35% in the aggregate.

Bachelor of Arts (*B.A.*).—The course of study extends over two years subsequent to passing the Intermediate Examination. The subjects for study and examination are : (1) English—(four papers as in the Faculty of Arts), (2) Arabic—(three papers as in the Faculty of Arts), (3) Fiqah and Usul-i-Fiqah (Muslim Law) —(two papers), (4) Any one of the following :—

(*a*) Tafsir (Koranic Exegesis).
(*b*) Hadis-wa-Usul-i-Hadis (Traditions).
(*c*) Kalam and Usul-i-Din (Dialectics).
(two papers in each).

To obtain a pass, 33 per cent. of the marks are required in each subject and classes are arranged on the same basis as at the B.A. Examination in the Arts Faculty.

Master of Arts (*M.A.*).—The course of study extends over two years subsequent to passing the B.A. Examination. The subjects for study and examination are :

One of the following :—(1) Fiqah-wa-Usul-i-Fiqah (Muslim Law), (2) Kalam-wa-Aqaid (Dialectics), (3) Tafsir (Koranic Exegesis), and (4) Hadis, including Sirat (Traditions). There are eight papers in each subject.

The marks for a pass and classification of successful candidates are the same as for the M.A. Examination in Arts.

PROFESSIONAL COURSES OF STUDY AND EXAMINATIONS.

LAW.

Bachelor of Laws (*LL.B.*).—The course of study extends over two years subsequent to graduation. During the first year, a candidate is required to study the following subjects and be examined in them at the end of the year :—

1. Criminal Law and Procedure.
2. Torts and Easements.
3. Evidence.
4. Contracts.
5. Roman Law and Constitutional Law.

There are five papers set at the examination, one for each of the above-mentioned subjects.

40 per cent. of the marks must be obtained for a pass in each paper. Those who obtain 60 per cent. or more are placed in the First Class and those who obtain 45% in the Second Class.

After passing the above examination, a candidate for the Degree is required to study during the second year the following subjects and be examined therein :—

1. Hindu Law.
2. Muhammadan Law (including Usul-i-Fiqah).
3. Civil Procedure and Law relating to Civil Courts in His Exalted Highness the Nizam's Government, Limitation (excluding schedules).
4. Specific Relief, Trusts, Land Tenures including *Atiyat* (Grants of Land) and Transfer of Property.
5. Jurisprudence and International Law.

There are five papers set at the examination, one for each subject.

The minimum for a pass and the classification of successful candidates are the same as for the Previous Examination.

MEDICINE.

The Degree of M.B.B.S.—The course of study extends over five years. Students having passed the Intermediate Examination with Physics, Chemistry (Organic and Inorganic), Botany and Zoology are eligible for admission to the course. They are required to pass four professional examinations and to pass each examination 50% of marks are to be obtained separately in the written and oral tests in each subject. Successful candidates obtaining not less than two-thirds of the aggregate number of marks are placed in the First Division and the rest in the Second.

Each of the first three professional examinations shall consist of two subjects and candidates shall be required to pass in both at the same time ; whereas the 4th or Final Professional Examination shall consist of 2 groups of 2 subjects each, and candidates shall be required to pass at least in both subjects of any one group at the same time.

First Professional Examination.

The first professional examination shall be held in the following subjects after a course of study extending over two academic years :—

(*a*) Anatomy.
(*b*) Physiology.

Second Professional Examination.

The second professional examination shall be held in the following subjects after a course of study extending over one academic year after passing the 1st professional examination :—

(*a*) Materia Medica (including Therapeutics).
(*b*) Hygiene.

Third Professional Examination.

The third professional examination shall be held in the following subjects after a course of study extending over one year after passing the 2nd professional examination :—

(*a*) Pathology (including Bacteriology).
(*b*) Medical Jurisprudence.

Fourth or Final Professional Examination.

The fourth or final professional examination shall be held in the following subjects after a course of study extending over one year after passing the 3rd professional examination :—

Group (1) Medicine and Clinical Medicine, Midwifery Gynæcology and Diseases of Infancy.

Group (2) Surgery and Clinical Surgery, Ophthalmology.

The Diploma of L.M. & S.--The course extends over four years. Students who have passed the Matriculation Examination will be admitted to the course after a year's preliminary study of Physics, Chemistry (Organic and Inorganic), Biology and Zoology. They are required to pass three professional examinations and to pass each examination 33% of marks are to be obtained separately in the written and oral in each subject and 40% in the aggregate. Successful candidates obtaining not less than two-thirds of the aggregate number of marks are placed in the First Class and the rest in the Second.

Candidates who pass in any of the two subjects of the 1st and 2nd professional examinations, or in any one complete group of the final professional examination, shall be allowed to appear at a subsequent examination only in the remaining subject in the case of the 1st or 2nd professional examination, and only in the remaining group in the case of the final examination.

First Professional Examination.

The first professional examination shall be held in the following subjects after a course of study extending over two academic years :—

(i) Anatomy.
(ii) Physiology.
(iii) Materia Medica.

Second Professional Examination.

The second professional examination shall be held in the following subjects after a course of study extending over one year after passing the 1st professional examination :—

(*a*) Pathology (including Bacteriology).
(*b*) Medical Jurisprudence,
(*c*) Hygiene,

Third or Final Professional Examination.

The third or final professional examination shall be held in the following subjects after a course of study extending over one year after passing the second professional examination :—

Group (1) Medicine and Clinical Medicine, Midwifery, Gynæcology and Diseases of Infancy.

Group (2) Surgery and Clinical Surgery, Ophthalmology.

ENGINEERING.

B.E. Examination.—The course extends over 4 years of which 3 years shall be spent in the College and the fourth chiefly on works. There will be two Examinations, the Part I Examination will be held at the end of the 2nd year and the Part II or the Final Examination after completing the three years' College Course. Civil Engineer students shall be attached for one year to P. W. Divisions, and Mechanical Engineer students shall spend the final year in a recognized Engineering Workshop.

Candidates seeking admission to the College for the B.E. Degree will be required—

(*a*) to be not under 18 or above 22 years of age,

(*b*) to produce a health certificate as to fitness for outdoor work,

(*c*) to have passed the Intermediate Examination of a recognized University with Mathematics, Physics and Chemistry as optional subjects.

(*d*) to produce a testimonial of good character and to possess a satisfactory knowledge of the Urdu Language.

The subjects for the Examinations will be as follows :—*Part I Examination* :—Pure Mathematics, Applied Mathematics, Surveying, Elasticity and Strength of Materials and Theory of Structures, Heat Engines and Theory of Machines and either Civil Engineering Design and Geometrical Drawing or Machine Design and Geometrical Drawing. *Part II Examination* :—(Civil) Higher Theory of Elasticity and Theory of Structures, Higher Geodesy, Hydraulics, Irrigation and Civil Engineering and Reinforced Concrete Design. (Mechanical) Higher Theory of Elasticity and Theory of Machines, Hydraulics, Thermodynamics, Metallurgy and Fuel and Machine and Machine-Tool Design.

TRAINING.

B.T. Examination.—The courses for the B.T. Degree shall extend over one year and will be open to graduates in Arts or Science of the Osmania University or of a recognized University. Besides the written Examination there will be a Practical Examination in the Teaching of the subjects selected. Every candidate

shall give two lessons in the presence of a Board of two Examiners.

Candidates shall be examined in—

1. School Organization and Discipline including Hygiene.
2. Educational Psychology.
3. General Principles of Teaching.
4. Specific methods of teaching of two subjects, one from each of the following groups:—
   (*a*) English, Physical or Biological Sciences.
   (*b*) History, Geography, Mathematics.
5. History of Educational ideas and select classics in Education.
6. Special Subjects:—One of the following:—
   (*a*) Modern Education Systems and Problems.
   (*b*) Experimental Education.
   (*c*) Child Education.

Additional Subjects:—(1) Black-Board illustrations.
(No Examination) (2) Manual Training and Handwork or Nature Study and Gardening.

Candidates who obtain not less than 35% of the marks in papers 1 and 2, and 35% in 3, 4 and 5, and 35% in each of the papers 6 and 7 and 40% in the aggregete of the written examination and 40% in the practical examination shall be declared to be eligible to receive the Degree of Bachelor of Teaching. All other candidates shall be deemed to have failed. Of the successful candidates those who obtain not less than 65% of the total marks shall be placed in the First Division and those who obtain not less than 50% of the total marks shall be placed in the Second Division. The remaining successful candidates shall be considered to have passed in the Third Division. Successful candidates who obtain not less than 65% of the marks in the paper relating to 4*a* or 4*b* shall be declared to have attained distinction in that subject.

Examination Fees.

	Rs.
Matriculation Examination:—(Arts and Theology).	
(*a*) Students of recognized High Schools ..	10
(*b*) Private Students	15
(*c*) Those who have passed the Maulvi or Munshi Examination of His Exalted Highness the Nizam's Government appearing in English only	5
Intermediate Examination	20

	Rs.
B.A. Degree Examination	30
M.A. Degree Examination	60
M.Sc. Previous Examination	30
,, Final ,, ...	30

FACULTY OF LAW.

LL.B. (Previous) Examination	30
LL.B. (Final) Examination	30

FACULTY OF MEDICINE.

M.B.B.S.—

First three Professional Examinations ..	Each 15
Fourth Professional Examination ..	30

L.M. & S.—

First two Professional Examinations ..	Each 20
Third Professional Examination ..	30

FACULTY OF ENGINEERING.

B.E.—

Part I Examination	20
Part II Final Examination	30

FACULTY OF TEACHING.

B.T. Examination	30

2718-30—Printed at the Bangalore Press, Mysore Road, Bangalore City.

2718-30